

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A mixing bag assembly comprising:
a body bounding a compartment, the body being comprised of a flexible sheet;
a mixing dish secured to the body, the mixing dish having a floor and an annular side wall upstanding from the floor, the floor being in communication with the compartment of the body, and the side wall terminating at a perimeter edge, the perimeter edge being secured to the body, the side wall and the floor of the mixing dish bounding a cavity; and
a magnetic stir bar disposed ~~on the floor of the mixing dish within the cavity; and~~
a retention cover mounted to the mixing dish so as to further bound the stir bar within the cavity, the retention cover having at least one opening extending therethrough.
2. (Original) A mixing bag assembly as recited in claim 1, wherein the body comprises a two-dimensional pillow style bag or a three dimensional bag.
3. (Original) A mixing bag assembly as recited in claim 1, wherein the body comprises at least three polymeric panels seamed together.
4. (Cancelled)
5. (Curently Amended) A mixing bag assembly as recited in claim ~~[[4]]~~ 1, further comprising:
~~the side wall and the floor of the mixing dish bound a cavity, the magnetic stir bar being disposed within the cavity; and~~
~~a retention cover mounted to the mixing dish so as to further bound the stir bar within the cavity, wherein the retention cover having~~ has a plurality of openings extending therethrough.
6. (Currently Amended) A mixing bag assembly as recited in claim ~~[[5]]~~ 1, wherein the retention cover is removably mounted to the side wall of the mixing dish.

7. (Original) A mixing bag assembly as recited in claim 1, wherein the mixing dish is more rigid than the body.

8. (Original) A mixing bag assembly as recited in claim 1, wherein the mixing dish is substantially rigid.

9. (Original) A mixing bag assembly as recited in claim 1, wherein the mixing dish comprises a substantially flat plate secured to the body.

10. (Original) A mixing bag assembly as recited in claim 1, further comprising at least one fluid port mounted on the body so as to communicate with the compartment of the body.

11. (Original) A mixing bag assembly as recited in claim 1, wherein the compartment of the body has a volume of at least 50 liters.

12. (Currently Amended) A container system comprising:

a substantially rigid container having a ~~floor and~~ floor, an upper side wall upstanding therefrom, and a lower side wall downwardly extending from the floor, the upper side wall and floor bounding a first chamber, and the lower side wall bounding a second chamber;

a magnetic mixer disposed below the floor of the container, the magnetic mixer being at least partially disposed within the second chamber; and

a mixing bag assembly at least partially disposed within the first chamber of the container, the mixing bag assembly comprising:

a collapsible body bounding a compartment, the body having a first end and an opposing second end, at least a portion of the second end of the body resting on or adjacent to the floor of the container,

a mixing dish being more rigid than the collapsible body, the mixing dish being secured at the second end of the collapsible body; and

a magnetic stir bar disposed on the mixing dish.

13. (Original) A container system as recited in claim 12, wherein the floor is integrally formed with the upper side wall of the container.

14. (Original) A container system as recited in claim 12, wherein at least a portion of the mixing dish is resting on the floor of the container.

15. (Original) A container system as recited in claim 12, wherein the floor has an opening extending therethrough, at least a portion of the mixing dish extending through the opening on the floor.

16. (Currently Amended) A container system as recited in claim 12, wherein the mixing dish is disposed directly on or adjacent to the magnetic mixer.

17. (Cancelled)

18. (Currently Amended) A container system as recited in claim ~~[[17]]~~ 12, wherein the lower side wall of the container is integrally formed with the upper side wall and the floor.

19. (Currently Amended) A container system as recited in claim ~~[[17]]~~ 12, further comprising an access port formed through the lower side wall so as to enable access to the second chamber.

20. (Currently Amended) A container system as recited in claim ~~[[17]]~~ 12, further comprising a dolly having a frame with wheels mounted thereon, the container and magnetic mixer being supported on the frame of the dolly.

21. (Original) A container system as recited in claim 12, wherein the upper side wall of the container terminates an edge bounding a top opening, a lid being removably mounted on the upper side wall so as to cover the top opening.

22. (Original) A container system as recited in claim 12, wherein the body of the mixing bag comprises a two-dimensional pillow style bag or a three dimensional bag.

23. (Original) A container system as recited in claim 12, wherein the body of the mixing bag is comprised of a laminated or extruded polymer sheet comprised to two or more layers of different material.

24. (Original) A container system as recited in claim 12, wherein the mixing dish comprises an annular side wall extending between a floor and a perimeter edge, the perimeter edge being secured to the body.

25. (Currently Amended) A container system as recited in claim [[24]] 44, further comprising:

~~the side wall and the floor of the mixing dish bound a cavity, the magnetic stir bar being disposed within the cavity; and~~

~~a retention cover mounted to the mixing dish so as to further bound the stir bar within the cavity, wherein~~ the retention cover ~~having~~ has a plurality of openings extending therethrough.

26. (Original) A container system as recited in claim 25, wherein the retention cover is removably mounted to the side wall of the mixing dish.

27. (Previously Presented) A container system as recited in claim 25, further comprising at least one fluid port mounted on the first end of the body of the mixing bag so as to communicate with the compartment of the body.

28. (Currently Amended) A method comprising:

inserting a disposable mixing bag assembly within a substantially rigid container, the container having a floor with an opening extending therethrough, a magnetic stir bar being disposed within a compartment of the mixing bag assembly so that the stir bar is aligned with the opening on the floor of the container;

delivering a solution or at least two separate components into the compartment of the mixing bag assembly, at least one of the at least two separate components being a liquid; and

activating a magnetic mixer disposed below the opening on the floor of the container so as to cause rotation of the magnetic stir bar within the mixing bag assembly, the magnetic stir bar stirring the solution or the at least two separate components, wherein the mixing bag assembly comprises:

a body bounding the compartment, the body being comprised of at least one flexible sheet;

a mixing dish secured to the body, the mixing dish having a floor and an annular side wall upstanding therefrom, the side wall and the floor of the mixing dish bounding a cavity, the magnetic stir bar being disposed within the cavity, the act of inserting comprising at least partially positioning the mixing dish within the opening on the floor of the container; and

a retention cover mounted to the mixing dish so as to further bound the stir bar within the cavity, the retention cover having at least one opening extending therethrough.

29. (Original) A method as recited in claim 28, further comprising dispensing from the mixing bag assembly the solution or the at least two components that are stirred within mixing bag assembly.

30-31. (Cancelled)

32. (Previously Presented) A mixing bag assembly as recited in claim 1, wherein the body has a hole extending therethrough, the mixing dish being at least partially disposed within the hole and secured to the body.

33. (Previously Presented) A mixing bag assembly as recited in claim 1, wherein the mixing dish has an interior surface and an opposing exterior surface, at least a portion of the interior surface being in communication with the compartment of the body, at least a portion of the exterior surface not being in communication with the compartment of the body.

34. (Previously Presented) A mixing bag assembly as recited in claim 1, wherein the mixing dish is sealed to the body.

35. (Cancelled)

36. (Previously Presented) A container system as recited in claim 12, wherein the body of the mixing bag has a hole extending therethrough, the mixing dish being at least partially disposed within the hole and secured to the body.

37. (Previously Presented) A container system as recited in claim 12, wherein the mixing dish has an interior surface and an opposing exterior surface, at least a portion of the interior surface being in communication with the compartment of the body, at least a portion of the exterior surface not being in communication with the compartment of the body.

38. (Previously Presented) A container system as recited in claim 24, further comprising:
the side wall and the floor of the mixing dish bound a cavity, the magnetic stir bar being disposed within the cavity; and
a retention cover mounted to the mixing dish so as to further bound the stir bar within the cavity, the retention cover having at least one opening extending therethrough.

39. (Currently Amended) A mixing bag assembly comprising:

a body bounding a compartment, the body being comprised of at least one flexible sheet;

a mixing dish assembly at least partially disposed on the body and at least partially bounding a cavity, ~~at least one opening~~ a plurality of openings being formed on the mixing dish assembly, ~~so as to provide~~ each opening providing fluid communication between the cavity of the mixing dish assembly and the compartment of the body; and

a magnetic stir bar disposed within the cavity of the mixing dish assembly.

40. (Currently Amended) A mixing bag assembly as recited in claim 39, wherein ~~the at least one~~ each opening on the mixing dish is sized so as to prevent the magnetic stir bar from freely passing from the cavity to the compartment.

41. (Previously Presented) A mixing bag assembly as recited in claim 39, wherein the mixing dish assembly comprises:

a mixing dish comprising a floor and a side wall upstanding therefrom; and
a retention plate mounted to the side wall.

42. (Previously Presented) A mixing bag assembly as recited in claim 39, wherein at least a portion of the mixing dish assembly is secured to the body.

43. (Cancelled)

44. (New) A container system comprising:

- a substantially rigid container having a floor and an upper side wall upstanding therefrom, the upper side wall and floor bounding a first chamber;

- a magnetic mixer disposed below the floor of the container; and

- a mixing bag assembly at least partially disposed within the first chamber of the container, the mixing bag assembly comprising:

 - a collapsible body bounding a compartment, the body having a first end and an opposing second end, at least a portion of the second end of the body resting on or adjacent to the floor of the container,

 - a mixing dish being more rigid than the collapsible body, the mixing dish comprising an annular side wall extending between a floor and a perimeter edge, the perimeter edge being secured to the second end of the body, the side wall and the floor of the mixing dish bounding a cavity; and

 - a magnetic stir bar disposed within the cavity; and

 - a retention cover mounted to the mixing dish so as to further bound the stir bar within the cavity, the retention cover having at least one opening extending therethrough.